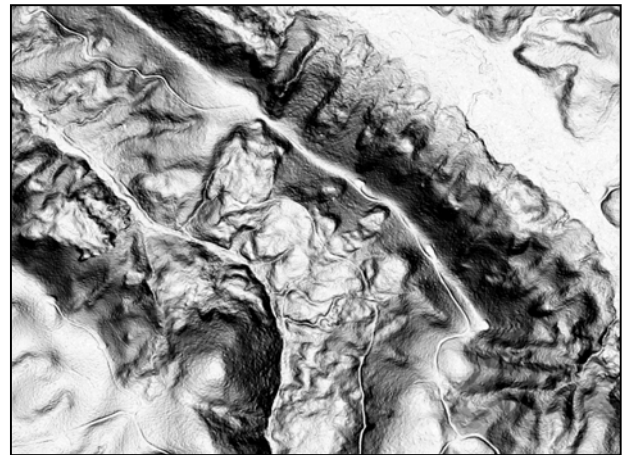




WASHINGTON STATE DEPARTMENT OF
Natural Resources



**Geologic Hazards Scientist 2
Land Management Division
Earth Sciences Group**

Recruitment # 2006-06-4864

AGENCY MISSION AND CHALLENGE:

The mission of the Department of Natural Resources is to provide professional, forward-looking stewardship of our state lands, natural resources, and environment. The DNR provides leadership under the Commissioner of Public Lands, an elected official, in creating a sustainable future for the Public Land Trusts. The DNR manages over five million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. Since 1970 DNR-managed lands have generated \$6 billion that support public schools, state institutions and county services. These lands also provide public benefits that include fish and wildlife habitat, clean and abundant water and public access to outdoor recreation. The DNR operates with a biennial budget of approximately \$400 million and has over 1300 employees. For more information about the department, see the DNR Home Page - www.dnr.wa.gov

The **Land Management Division** provides scientific data and interpretation in order to support outstanding stewardship and aggressive revenue generation from a 3.1 million acre upland Trust land position. The Division's Earth Sciences Group generates geologic and hydrologic data used to assist with implementation of our Habitat Conservation Plan, to protect the environment, and to support Trust beneficiaries. Our work is varied, but typically includes landslide mapping and geomorphology in support of timber sales, hydrologic investigations, and mineral or petroleum resource assessments.

Job Classification:

Natural Resource Scientist 2

Type of Position:

This is a permanent position.

This position is represented by the WPEA. Once appointed to this position the incumbent will be required to pay union dues or other representation fee within the first 30 days of employment.

Monthly Salary Range:

\$3,318 – \$4,247

Benefits Package:

Health and dental insurance, retirement pension, vacation, sick leave and holidays

Posting Date:

June 2, 2006

Closing Date:

Open until filled with initial screening June 26th

Location:

Olympia, Washington

POSITION PROFILE

It is anticipated that two positions may be filled in the Earth Sciences Group. These positions are for entry-level geologists or geohydrologists. They will primarily assist in implementing the Department's Habitat Conservation Plan (HCP) for unstable slopes in the forest throughout the Olympic Peninsula and (or) other parts of Washington. They will produce draft geotechnical reports for slope stability. They may also perform quantitative basin and subbasin-level ground and surface water studies based on numerical modeling. Other common geohydrologic tasks include assessing stream channel and discharge conditions, and determining the propensity for excessive sedimentation, or analyzing long-term variations in water temperature. Both positions may assist directly in generating revenue through sand and gravel, petroleum, coal, industrial minerals, and base and precious metals geologic studies. Both will perform general IT support for GIS, hydrologic, slope stability, and office management software.

REQUIRED POSITION QUALIFICATIONS

- A Masters or Doctorate of Science Degree in Hydrology, Geology, Geophysics, Geohydrology or Groundwater Engineering, or Geohydrology. Must include 8-quarter hours or equivalent academic/professional training in hydrology provided Hydrology majors must also have extensive academic preparation in geology.

OR

A Bachelors degree in the same subjects may substitute for a graduate degree; provided the candidate also has three years of professional experience as a hydrologist, hydrogeologist, or geologist and first-author status on at least two well written and scientifically credible papers in the above subjects. Such papers must be in refereed journals. Alternatively, the papers may be peer- or I.D. team-reviewed technical publications such as watershed analyses.

- Must have strong field skills including geologic mapping, geomorphology, and landslide mapping and (or) hydrology and hydrologic instrumentation.
- Must have direct knowledge of hydrologic or slope stability software and statistical modeling/analysis.
- Must be able to recognize landslides in the field and using stereo air photos and LIDAR.
- Ability to communicate and interact with courtesy and professionalism with co-workers, management, and a variety of audiences. Must have good public speaking and writing skills.
- Must be decisive.

DESIRED QUALIFICATIONS

- The ability and desire to help produce income from logging and from extraction of minerals or water resources.
- Well-developed computer skills. Should be familiar with GIS and graphics software. Experience with ArcGIS, hydrologic, or slope stability software and with statistical modeling/analysis a plus.

WORKING CONDITIONS

- Must be willing and able to travel extensively and regularly throughout Washington.
- Must have the physical and orienteering skills and stamina to perform fieldwork alone (with radio-communication) in wet or snowy mountainous areas quickly and safety.

WHO MAY APPLY

This recruitment is open to anyone who meets the required qualifications for this position.

APPLICATION PROCESS

To be considered for this position please submit:

- A letter of interest and a resume describing how your experience and qualifications relate to the position. Please indicate in your letter of interest how you learned of this opportunity.
- Copy of your transcripts (Transcripts do not have to be official at the time of application submittal.)

The first screening will be based on information contained in your letter of interest and your resume.

Submit all materials by the closing date to: dnrrecruiting@wadnr.gov

Please indicate **2006-06-4864** in the subject line of your e-mail.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

Questions? Please contact Bill Lingley or Stephen Slaughter at 360.902.1600.

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